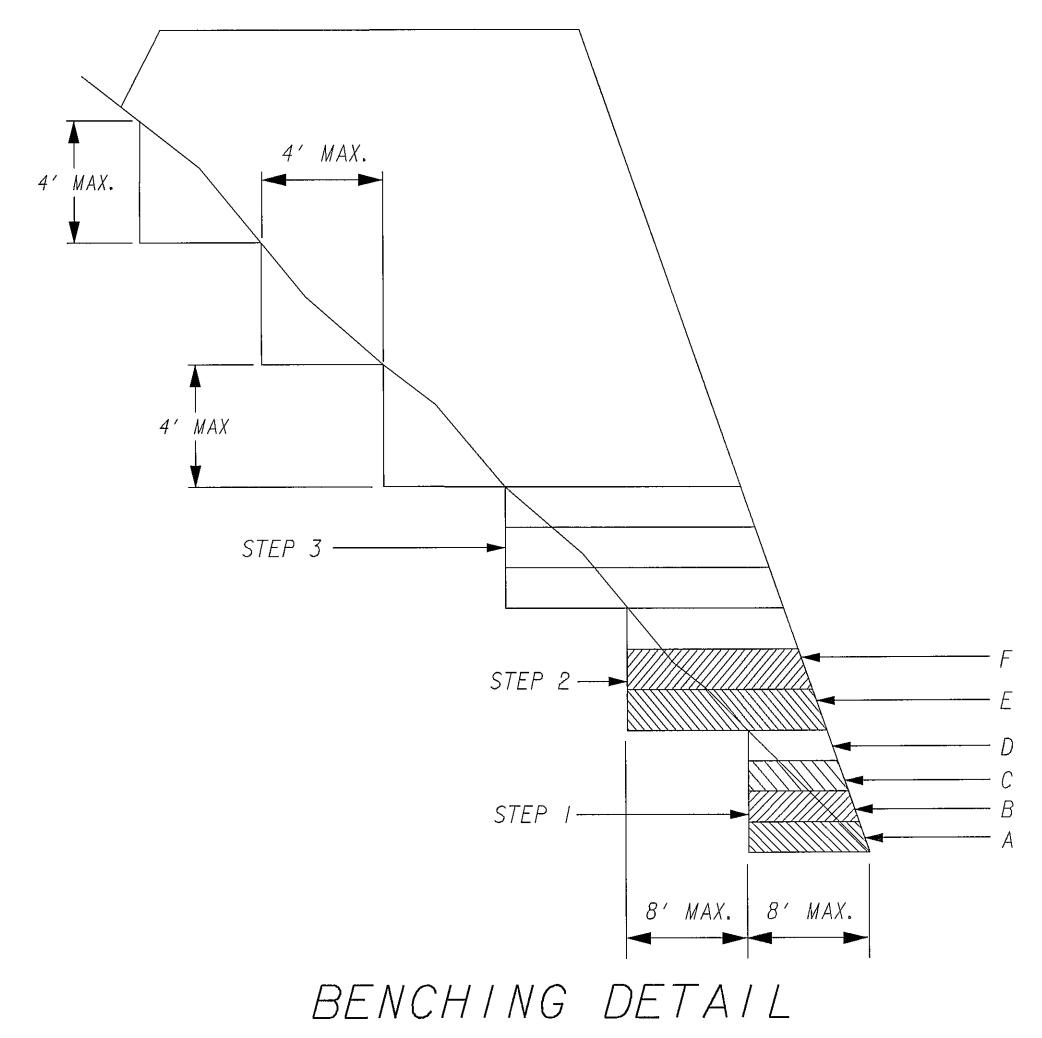
					FOR PIE	DMONT/B	LUE RIDO	GE REGIO	DN .		
				C O N C R E T E	CORRUGATED STEEL AASHTO M-36		CORRU- GATED ALUMINUM AASHTO M-196	PLASTIC			
	TYPE OF PIPE INSTALLATION		ALUMINUM COATED (TYPE 2) CORR. STEEL		PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORR. POLY- ET HYLENE AASHTO M-252	CORR POLY- ETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304	POLY VINYL CHLORIDE (PVC CORRUGATED SMOOTH INTERIOR ASTM F-949	
S T O R M D R A I N	LONGITUDINAL INTERSTATE AND TRAVEL BEARING		X								
	LONGITUDINAL NON- INTERSTATE AND NON- TRAVEL BEARING		X	X		X		X	X	X	
		C	ADT < 250	X	X	X	X		X	X	X
		0 GRADE < 10%	250 < ADT < 1500	X	X*		X				X
		_	ADT > 1500	X							
		R	ADT < 250		X	X	X		X	X	X
		1 > 10%	ADT > 250		ļ		X				X
	SIDE DRAIN		X	X	X	X		X	X	X	
F	PERMANENT SLOPE DRAIN			****	X	X	X		X	X	X
,	PE	ERFORATEL	D UNDERDRAIN		X	X	X	X	X	X	X

\* THIS PIPE CAN BE USED IF THE ADDITION OF TYPE "B" COATING (AASHTO M-190, HALF BITUNINOUS COATED WITH PAVED INVERT) IS UTILIZED.

## NOTES.

- I ALLOWABLE MATERIALS ARE INDICATED BY AN "X".
- 2. STRUCTURAL REQUIREMENTS OF STORM DRAIN PIPE WILL BE IN ACCORDANCE WITH GEORGIA STANDARD 1030-D OR 1030-P, WHICHEVER IS APPLICABLE, AND THE STANDARD SPECIFICATIONS.
- 3. GRADED AGGREGATE BACKFILL SHALL BE USED IN CROSS DRAIN APPLICATIONS FOR ALL PLASTIC PIPES (AASHTO M-294, HDPE PIPE, AASHTO M-304, PVC PIPE, ASTM F-949 PIPE) REVISED 10-04-05
- 4 TEMPORARY PIPE CAN BE CMP, PLASTIC OR CONCRETE
- 5. USE THE ALLOWABLE PIPE CHART UNLESS OTHERWISE NOTED ON THE PLANS.
- 6 THE CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS SELECTED.



I WHERE THE EMBANKMENT IS TO BE PLACED ON A HILLSIDE OR ANOTHER EXISTING EMBANKMENT HAVING A SLOPE OF 3 TO I OR STEEPER THE FOUNDATION MUST BE BENCHED WHILE THE EMBANKMENT IS BEING MADE (SEE DIAGRAM AT LEFT )

2 THE DIAGRAM SHOWS THAT BEFORE LAYER "A" IS PLACED THE FIRST STEP IS TO (I) CUT INTO THE SLOPE A MAXIMUM DISTANCE OF ABOUT 8 FEET (ABOUT% THE WIDTH OF THE TYPICAL D-8 BULDOZER BLADE) SUCCESSIVE LAYERS B, C, AND D ARE THEN PLACED BEFORE LAYER "E" IS PLACED, THE SECOND STEP IS CUT 8 FEET INTO THE SLOPE AND SUCCESSIVE LAYERS ARE AGAIN PLACED IF IT IS ANTICIPATED THAT THE VERTICAL PART OF THE STEP WILL EXCEED 4 FEET IF A 8 FEET HORIZONTAL CUT IS MADE. THEN THE ACTUAL CUT STOPS WHEN THE VERTICAL PART REACHES A MAXIMUM OF 4 FEET ALLOWING THE HORIZONTAL DISTANCE TO VARY

3 THE PROCESS OF BENCHING IS CONSIDERED INCIDENTAL TO THE ITEM OF UNCLASSIFIED EXCAVATION AND BORROW OR GRADING COMPLETE IN CONSTRUCTION OF THE EBANKMENT AND NO ADDITIONAL MEASUREMENT OF QUANTITY OR PAYMENT WILL BE MADE FOR BENCHING

Revised 9/29/08

*4.* 5. 28

NO SCALE

DRAWING NO. 04-002

DATE	REVISIONS	DATE	REVISIONS	GEORGIA DEPARTMENT OF TRANSPORTATION GENERAL NOTES